**PATENT** 

GK-US045029

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Junghwan LEE et al.

Serial No.:

New

Filed:

Herewith

For:

CIRCUIT AND METHOD FOR DC

OFFSET CALIBRATION AND

SIGNAL PROCESSING APPARATUS:

USING THE SAME

## INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner of Patents Washington, DC 20231

Sir:

In accordance with MPEP 609 and 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicant(s) bring the references listed on the attached PTO-1449-Form to the Examiner's attention and request that they be considered and made of record in this application. A copy of the non-U.S. patent is attached. This Information Disclosure Statement is being filed within three (3) months of the filing date of this application. Thus, *no fee is believed to be due for this*Information Disclosure Statement. However, the Commissioner is authorized to charge any fees associated with this communication or credit any overpayment to Deposit Account No. 50-1836. A duplicate copy of this Statement is enclosed for that purpose.

Since this application was filed after June 30, 2003, the U.S. Patent and Trademark Office waives the requirement under 37 C.F.R. 1.98 (a) (2) (i) for submitting a copy of each cited U.S. Patent and each U.S. patent application publication.

\* \* \*

Prompt examination on the merits is respectfully requested.

Respectfully submitted,

Reg. No. 46,748

SHINJYU GLOBAL IP COUNSELORS, LLP

1233 Twentieth Street, NW, Suite 700 Washington, DC 20036

(202)-293-0444 Dated: 2/6/04

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Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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| Substitute for form 1449A/PTO     |   |    |            | Complete if Known      |              |  |
|-----------------------------------|---|----|------------|------------------------|--------------|--|
|                                   |   |    |            | Application Number     | (New)        |  |
|                                   |   |    | CLOSURE    | Filing Date            | (Herewith)   |  |
| STATEMENT BY APPLICANT            |   |    |            | First Named Inventor   | JungHwan LEE |  |
|                                   |   |    |            | Group Art Unit         |              |  |
| (use as many sheets as necessary) |   |    | necessary) | Examiner Name          |              |  |
| Sheet                             | 1 | of | 1          | Attorney Docket Number | GK-US045029  |  |

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|                        |          |  | U.S. F | PATENT DOCUMENTS                                |   |
| Examiner<br>Initials * | Cite No. | U.S. Patent Document  Kind Code (if known) |        | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-YYYY |
|                        | 1.       | US2002-0094788                             | 1      | Norio Hayashi et al                             | 07-2002                                       |
|                        | 2.       | US 6,225,848B1                             |        | Keith A. Tilley et al.                          | 05-2001                                       |
|                        | 3        | US6,114,980                                |        | Keith A. Tilley et al.                          | 09-2000                                       |
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| FOREIGN PATENT DOCUMENTS |  |                         |  |              |   |                     |                              |
|--------------------------|--|-------------------------|--|--------------|---|---------------------|------------------------------|
| Examiner<br>Initials*    |  | Foreign Patent Document |  |              | Name of Patentee or Applicant of        | Date of Publication | Translation                  |
|                          |  | Cite No.                | Office                                   | Number       | Kind Code<br>(if known)                 | Cited Document      | of Cited Document<br>MM-YYYY |
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| Examiner<br>Signature | <br>Date<br>Considered |  |
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.